

Title (en)
MULTIPLE IMPACT MICROPROJECTION APPLICATORS

Title (de)
MEHRFACHBERÜHRUNGS-MIKROPROJEKTIONSAPPLIKATOREN

Title (fr)
APPLICATEURS DE MICROPROJECTION D'IMPACTS MULTIPLES

Publication
EP 2968751 B1 20221130 (EN)

Application
EP 14723524 A 20140310

Priority
• US 201361801904 P 20130315
• US 2014022836 W 20140310

Abstract (en)
[origin: US2014276366A1] Applicators for a microprojection array capable of multiple impacts and methods of using the applicators are described.

IPC 8 full level
A61M 5/158 (2006.01); **A61M 37/00** (2006.01)

CPC (source: EP US)
A61M 5/158 (2013.01 - EP US); **A61M 37/0015** (2013.01 - EP US); **A61M 37/0092** (2013.01 - EP US); **A61M 2005/1585** (2013.01 - EP US);
A61M 2037/0023 (2013.01 - EP US); **A61M 2037/0061** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 10195409 B2 20190205; US 2014276366 A1 20140918; AU 2014237357 A1 20150917; AU 2014237357 B2 20191128;
AU 2019261772 A1 20191128; AU 2019261772 B2 20220113; CA 2903459 A1 20140925; CA 2903459 C 20240220; EP 2968751 A2 20160120;
EP 2968751 B1 20221130; EP 4194028 A1 20230614; ES 2939317 T3 20230420; JP 2016511105 A 20160414; JP 6689187 B2 20200428;
WO 2014150285 A2 20140925; WO 2014150285 A3 20150423

DOCDB simple family (application)
US 201414203378 A 20140310; AU 2014237357 A 20140310; AU 2019261772 A 20191107; CA 2903459 A 20140310;
EP 14723524 A 20140310; EP 22203944 A 20140310; ES 14723524 T 20140310; JP 2016501083 A 20140310; US 2014022836 W 20140310